BOGINSKIY, M.P., inzh.; GAYDASH, B.I., inzh.; GLUSHCHENKO, V.K., inzh.

New designs of rod-type insulators with spiral ribs. Vest. elektroprom. 32 no.10:76-78 O '61. (MIRA 14:9)
(Electric insulators and insulation)

L 10033-67 EWT(m)/EWT(m) WW
ACC NR: AP6023908 (A,N) SOURCE CODE: UR/0292/66/000/004/0035/0037

AUTHOR: Gaydash, B. I. (Engineer); Glushchenko, V. N. (Engineer); Boldyreva, T. I. (Engineer); Kotelevtsev, V. G. (Engineer)

ORG: none

TITLE: Line insulators designed for hard climatic conditions

SOURCE: Elektrotekhnika, no. 4, 1966, 35-37

TOPIC TAGS: electric insulator, high voltage insulator, PFYe-16 insulator, PFYe-11 insulator, PFYe-4,5 insulator

ABSTRACT: Three small-size line sustension 110—500-kv insulators intended for operation under hard climatic conditions (high temperature, natural and industrial contamination, etc.) have been developed by the Central Scientific Research Laboratory of the "Elektroset'izolyatsiya." Their dimensions, electrical and

Card 1/2 UDC: 621.315.624.8.001.3

mechanical characteristics are reported, as well as the distinguishing features of their design. The principal electrical characteristics are:

Type	Flashover voltage, kv Dry	Wet	Breakdown	Weight, kg
PFYe-16	85	55	125	12.8
PFYe-11	85	55	125	9.0
PFYe-4,5	75	40	110	5.2

Also, electrical and mechanical characteristics and composition of the Soviet-made porcelain from which the above insulators are made, are reported. "Engineers S. I. Ivakhin, V. I. Korlik, V. I. Zhirov, A. A. Novak and S. A. Izotova took part in the project." Orig. art. has: 1 figure and 3 tables.

SUB CODE: 09/10/ SUBM DATE: none / ORIG REF: 002

GAYDASH, B.I., inzh.; BONDAREV, K.T., kand. tekhn. nauk

New high-voltage rod-type insulators from crystallized glass materials. Energ. i elektrotekh. prom. no.1: 29-30 Ja-Mr'64. (MIRA 17:5)

GAYDASH, B.I., inzh.; IVAKHIN, S.I., inzh.; GLUSHCHENKO, V.N., inzh.

Advantages of helical insulators. Energ. i elektrotekh. prom. no.2: 53-54 Ap-Je '64. (MIRA 17:10)

GAYDASH, B.I., inzh.

Some features of designing high-voltage screw-ribbed insulators. Energ. i elektrotekh. prom. no.3:29-31 Jl-S '64.
(MIRA 17:11)

IVAKHIN, S.I., kand.tekhn.nauk; GAYDASH, B.I., inzh.; MIRONOV, I.M., inzh.; SITNIK, N.P., inzh.

Use of synthetic materials in high-voltage insulators. Energ. i elektrotekh. prom. no.2:37-38 Ap-Je '65. (MIRA 18:8)

GAYDASH, B.I., insh.

Means for improving the quality of high-voltage porcelain. Energ. i elektrotekh. prom. no.2:46-48 Ap-Je '65.
(MIRA 18:8)

MATVEYEV, M.A., doktor tekhn.nauk; IVAKHIN, S.I., kand.tekhn.nauk;
KONSTANTINOV, E.G., inzh.; GAYDASH, B.I., inzh.

Use of pegmatites of the Aleksandrovsk and Krasnovsk deposits in the production of high voltage insulators. Stek. i ker. 22 no.1:30-33 Ja '65. (MIRA 18:7)

1. Moskovskiy ordena Lenina khimikotekhnologicheskiy institut im. D.I.Mendeleyeva (for Matveyev). 2. TSentral'naya nauchno-issledovatel'skaya laboratoriya tresta Armset' (for Gaydash).

L 1139-66 (A)

ACCESSION NR: AP5020392 UR/0105/65/000/008/0089/0091

621.315.62.001.4

8

AUTHOR: Gaydash, B. I., Engineer (Slavyansk); Ivakhin, S. I.; Candidate of technical sciences (Slavyansk); Glushchenko, V. N., Engineer (Slavyansk); Kotlik, V. I., Engineer (Slavyansk)

TITLE: Investigation of helically ribbed insulators

SOURCE: Elektrichestvo, no. 8, 1965, 89-91

TOPIC TAGS: electric insulator, electric distribution equipment

ABSTRACT: The discharge characteristics of helically ribbed insulators are studied as a function of rib profile and number of threads for single, double and triple threaded insulators. These characteristics are compared with those of conventionally ribbed insulators of identical types. Three types of rib profile are compared (see fig. 1 of the Enclosure). The wet and dry discharge voltages of the insulators were measured at power frequencies. The results are tabulated for vertical and horizontal positions. It was found that the dry discharge voltage for all types of insulators is independent of the rib profile and the number of threads, and is com-

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L 1139-66

ACCESSION NR: AP5020392

parable to the dry discharge voltage of identical conventional insulators with annular ribs. Curves are given for the wet discharge voltages as a function of the number of threads for the three types of profile shown in fig. 1 of the Enclosure. Helically ribbed insulators showed higher wet discharge voltages in all cases than those of the conventional insulators. Insulators with single threaded helical ribs and the profile shown in fig. 1c of the Enclosure have the maximum wet discharge characteristics, exceeding those of identical conventional insulators by 25-40%. Triple threaded helically ribbed insulators with the profile shown in fig. 1 a of the Enclosure have the minimum wet discharge characteristics, surpassing those of similar conventional types by 2-10%. The current leakage path is longer for helically ribbed insulators both along the spiral and along the axis. The optimum pitch for these insulators is 50-70 mm. The optimum ratio between radial overhang and pitch is 0.8-1.0. The thickness of the rib should be kept to a minimum consistent with technological requirements. These data must be verified by operational tests under various climatic conditions. Orig. art. has: 6 figures, 1 table.

ASSOCIATION: none
SUBMITTED: 23Nov64 ENCL: 01 SUB CODE: EE
NO REF SOV: 005 OTHER: 000

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L 1139-66

ACCESSION NR: AP5020392 ENCLOSURE: 01

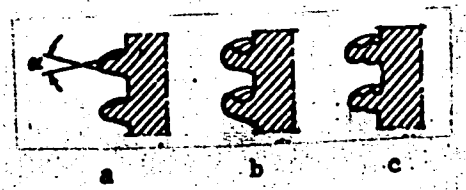

Fig. 1. Rib profiles.

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BIRYUKOV, P.; GAYDASH, G.

The IaSK-1 boring unit. Prom. stroi. i inzh. soor. 4 no.1:53 Ja-F '63. (MIRA 16:3)

(Boring machinery)

LYUBIN, G. YA.

37598. Izmeneniya krasnoy krovi u splenektomirovannykh krys. Trudy Tomskogo med. in-ta. im. Molotova, T. XV, 1949, s. 78-82

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

GAYDASH, I.

Our contribution. Sov. shakht. 11 no.3:17-18 Mr '62. (MIRA 15:5)

1. Nachal'nik shakhty No.3 "Velikomostovskaya" tresta Chervonogradugol'.
(Lvov-Volyn' Basin--Coal mines and mining)

GAYDASH, I.M., gornyy inzhener; PROGNIMAK, D.Ya., gornyy inzhener

Utilizing internal potentialities in the Abakumov mine. Mekh.trud. rab.9 no.9:22-25 S'55. (MLRA 8:12)
(Donets Basin--Coal mining machinery)

GAYDASH, I.M.; PISKUNOV, Ye.S.

Rated capacity of "Velikomoskovskaia" Mine No.3 has been achieved ahead of time. Ugol' Ukr. 5 no.11:9-12 N '61. (MIRA 14:11)

1. Nachal'nik shakhty No.3 "Velikomoskovskaya" tresta Chervonogradugol' kombinata Ukrzapadugol' (for Gaydash). 2. Zamestitel' glavnogo inzhenera po tekhnicheskim voprosam shakhty No.3 "Velikomoskovskaya" tresta Chervonogradugol' kombinata Ukrzapadugol' (for Piskunov).
(Lvov-Volyn' Basin--Coal mines and mining--Labor productivity)

GAYDASH, I.M.

From the experience of achieving the rated capacity of the mine ahead of time. Ugol' 37 no.6:13-15 Je '62. (MIRA 15:7)

1. Nachal'nik shakhty No.3 "Velikomostovskaya".
(Lvov-Volyn' Basin--Coal mines and mining)

GAYDASH, V.M., inzhener.

Mounted equipment for the S-80 tractor. Avt. dor. 20 no.2:3 of cover F '57. (MLRA 10:4)

(Tractors)

GAYDASH, V.M., inzh.

Mobile screening machine. Avt.dor. 20 no.8:30 Ag '57.
(MIRA 12:4)
(Road machinery)

GAYDASH, V.M.

GAYDASH, V.M., inzh.

Attachements for the DT-54 and S-80 tractors. Avt. dor. 21 no.1:27 Ja '58. (MIRA 11:1)

(Tractors) (Cranes, derricks, etc.)

VISHNEVSKIY, V.M., kand.istor.nauk; GAYDASHENKO, K.P.; DUDOROV, V.M.; KLEYMAN, T.Ye.; KHUSHANOV, A.I., kand.istor.nauk; KUCHERYAVENKO, V.T.; LEVITSKIY, V.L.; OKSYUZ'YAN, D.V.; POLYAKOV, V.V.; SAMOKHVALOV, V.A.; SVIN'IN, V.V.; STEPANOVA, L.F.; SUSHKOV, B.A.; FISHER, Ye.L.; BELYKH, D.P., otv.red.; AVERKIN, B.Z., red.; ZUSMAN, Ye.I., red.; MAYOROV, V.M., red.; KIREYEVA, T.R., vedushchiy red.; BUTOVA, L.A., tekhn.red.

Vladivostok, 1860-1960. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 271 p. (MIRA 13:11)
(Vladivostok)

GAYDASHEV, A.I.

Ways of increasing labor productivity and efficiency of equipment in spinning and weaving factories. Tekst.prom. 22 no.2:36 F '62. (MIRA 15:3)

1. Glavnyy tekhnolog Petushinskoy shpul'no-katushechnoy fabriki. (Bobbins)

VOROKHOBOV, L.A.; GAYDASHEV, E.A.

Bilateral facial coloboma in a child with multiple abnormalities. Vop.okh.mat.i det. 7 no.7:80 Jl '62. (MIRA 15:11)

1. Iz kliniki khirurgii detskogo vozrasta (zav. - prof. I.K. Murashov) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i Instituta pediatrii (dir. - dotsent M.Ya.Studenikin) AMN SSSR.

(FACE--ABNORMITIES AND DEFORMITIES)
(DEFORMITIES)

GAYDAY, A. I., Engineer

"Certain Problems of the Mechanics of Braiding and Plaiting Machines." Thesis for degree of Cand Technical Sci. Sub 3 Mar 50, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov

[redacted] Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

GAYDAY, A.I., kand.tekhn.nauk, dotsent; SUVOROV, S.V., starshiy prepodavatel'

Kinematic analysis of the process of braiding electric wires. Izv. vys. ucheb. zav.; mashinostr. no.6 67-74 '61. (MIRA 14:7)

1. Ivanovskiy energeticheskiy institut.
(Braid)

GAYDAY, B.I.

Internal fixation in bone fractures of the extremities by means of metallic rods in childhood. Trudy Ukr. nauch.-issl. inst. ortop. i travm. no.15:125-128 '59 (MIRA 16:12)

1. Iz kliniki Ukrainskogo nauchno-issledovatel'skogo instituta perelivaniya krovi i neotlozhnoy khirurgii (dir.-starshiy nauchnyy sotrudnik Yu.M.Orlenko) i kafedry khirurgii Khar'kovskogo meditsinskogo instituta (zav.- prof. K.I.Pikin).

Gayday, I.

1. VINOGRADOVA, T. V. (Prof.); GAYDAY, I.

2. USSR (600)

4. Leningrad Province - Bee Culture.

7. Using large-cell comb foundation in Leningrad Province, Pchelovodstvo, 30 No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953. Uncl.

FLID, R.M.; ALEKSEYEVA, N.F.; KHMELEVSKAYA, T.G.; GAYDAY, N.A.

Kinetics of liquid-phase hydrochlorination of acetylene in the presence of cuprous chloride. Kin.i kat. 4 no.5:698-705 S-O '63. (MIRA 16:12)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni Lomonosova.

BAYLAY, F. I.

18(0) PHASE I BOOK EXPLOITATION SOV/2301

Metallurgiya stali; sbornik statey. [No. 7] (Metallurgy of Steel; Collection of Articles, No. 7) Moscow, Metallurgizdat, 1958. 177 p. 1,500 copies printed.

Resp. Ed.: G. I. Gayrish, Candidate of Technical Sciences; Ed.: A. V. Popov; Tech. Ed.: O. I. Kaliyakova.

PURPOSE: This book is intended for engineers and technicians at industrial plants, for scientific personnel at research and educational institutions, and for students of advanced metallurgy.

COVERAGE: The articles in this collection deal with the production and hot forming of steel and titanium ingots. Both theoretical and practical aspects are covered. Topics discussed include: crack formation during thermomechanical treatment, dependence of plasticity of low-carbon chromium-nickel steel on the method of steelmaking, vacuum melting of austenitic stainless steel, beneficial effect of hot deformation on steel properties, structural properties of sheet metal as related to rolling conditions, crystallization and ingot structure, present status of titanium-ingot production, etc. Numerous references, principally Soviet, accompany the articles.

Gayrish, G. I., Candidate of Technical Sciences. Crystallization and Ingot Structure 93

Abashin, D. V., Engineer. On Certain Characteristics of the Dendritic Crystallization of Medium-Alloy Structural Steel 115

Pilib, L. Ya., Candidate of Technical Sciences. Development and Present Status of the Production of Titanium and Titanium-Alloy Ingots 125

Shul'tin, S. M., Candidate of Technical Sciences. Hot-rolled Titanium Tubes 153

Pilib, Ya. A., Engineer. Structure and Properties of Cast Induction-melted Titanium 167

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KAYDA P 1.
P 2-3.

PHASE I BOOK EXPLOITATION SOV/3926

Metallurgiya; sbornik statey, No. 2 (Metallurgy; Collection of Articles, No. 2), Leningrad, Sudpromgiz, 1959. 302 p. 2,300 copies printed.

Resp. Ed.: G.I. Kapyrin, Candidate of Technical Sciences; Eds.: V.I. Greznev and N.P. Golubeva; Tech. Ed.: V.I. Troshkin.

PURPOSE: This collection of articles is intended for technical personnel at industrial plants and at research and educational institutions. It may also be used by students taking courses in advanced metallurgy.

COVERAGE: The articles present the following material: original data on the production of steel in open-hearth, electric, and vacuum arc furnaces; information on the rolling of steel sheet of variable thickness along the width; results of an investigation of sheet metal made from large ingots; and problems of measuring the temperature of liquid steel. Some theoretical analysis of production processes is included, and practical recommendations are given concerning specific problems. No personalities are mentioned. Most of the articles are accompanied by references.

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Metallurgy; Collection of Articles, No. 2 SOV/3926

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Metallurgy; Collection of Articles, No. 2 SOV/3926

Metallurgy; Collection of Articles, No. 2 SOV/3926

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GAYDAY, P.I., kand.tekhn.nauk; ROZENBERG, M.Z., inzh.

Negative segreagtion of impurities in steel ingot.
Metallurgiia 2:136-141 '59. (MIRA 14:3)
(Steel ingots) (Steel—Metallography)

GAYDAY, P.I., kand.tekhn.nauk; ROZENBERG, M.Z., inzh.

Gases in steel in the acid open-hearth smelting process. Metallurgiia 2:33-44 '59. (MIRA 14:3)
(Open-hearth process) (Gases in metals)

GAYDAY, P.I., kand.tekhn.nauk; ROZENBERG, M.Z., inzh.

Nonmetallic inclusion in acid open-hearth steel. Metallurgiia 2:45-53 '60. (MIRA 14:3)
(Steel—Impurities) (Nonmetallic materials)

GAYDAY, Stepan Grigor'yevich; LAZINTSEV, Dmitriy Nikiforovich; VASKEVICH, D.N., spets. red.; KUZNETSOVA, N.I., red.; KOROBOVA, N.D., tekhn. red.

[Safety measures in the repair and assembly of equipment in the chemical industries] Tekhnika bezopasnosti pri remonte i montazhe oborudovaniia v khimicheskoi promyshlennosti. Moskva, Profizdat, 1962. 127 p. (MIRA 15:5)
(Chemical engineering—Safety measures)

ZHUKOV, A.V.; GOROKHOVSKIY, A.D.; DAMASKIN, S.A.; RUDENKO, P.M.; ZONENBERG, M.F.; DIKOVA, S.A.; GAYDAY, V.K., red.

[Production of large wall elements from ceramics] Proizvodstvo krupnykh stenovykh konstruktsii iz keramiki. Kiev, Budivel'nyk, 1965. 33 p. (MIRA 18:8)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut stroitel'nykh materialov i izdeliy.

MATSNEV, Anatoliy Ivanovich; GAYDAY, V.K., red.

[Using flotation for the purification of waste water] Primenenie flotatsii dli ochistki stochnykh vod. Kiev, Budivel'nyk, 1965. 57 p. (MIRA 18:9)

KANYUKA, N.S., kand. tekhn. nauk; KUCHER, M.G., inzh.; KRYUKOV, I.M.; ZEL'TSER, R.Ya.; RODICHKINA, M.P.; MIKHAYLOV, I.K.; GAYDAY, V.K., red.

[Overall mechanization of the assembly of industrial structures; methodological manual on the selection of efficient sets of assembling machinery] Kompleksnaia mekhanizatsiia montazha promyshlennykh sooruzhenii; metodicheskoe posobie po vyboru ratsional'nykh komplektov montazhnykh mashin. Kiev, Budivel'nyk, 1965. 192 p. (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva.

VOLCHANSKAYA, Ye.A., red.; MASLYANSKIY, G.N., red.; TERESHCHENKO, V.A., kand. tekhn. nauk, red.; KHVOROSTANSKAYA, Ye.M., red; GAYDAY, V.K., red.

[Treatment and applications of molten slags] Pererabotka i primenenie shlakovykh rasplavov. Kiev, Budivel'nyk, 1965. 218 p. (MIRA 18:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.

SOPIN, Ye.F. [Sopin, IE.F.]; GAYDAY, V.M. [Haidai, V.M.]

Effect of vitamins B_1 and PP on the metabolism of citric acid and fumaric acid in radiation injury. Ukr. biokhim. zhur. 33 no.1:57-63 '61. (MIRA 14:3)

1. Kiyevskiy gosudarstvennyy universitet im T.G.Shevchenko, i Institut pitaniya Ministerstva zdravookhraneniya USSR.
(VITAMINS) (FUMARIC ACID)
(X RAYS—PHYSIOLOGICAL EFFECT) (CITRIC ACID)

GAYDAY, V.M. [Haidai, V.M.]

Nucleic acid content and composition in the testes and muscles of Pekin ducks during the winter period of sexual dormancy. Ukr. biokhim.zhur. 34 no.5:649-654 '62. (MIRA 16:4)
(NUCLEIC ACIDS) (TESTICLE) (POULTRY--PHYSIOLOGY)

KRUGLYAK, Yu.A.; DANILOV, V.I.; GAYDAY, V.M.

Recording tautomeric forms of bases in the process of the construction of a genetic code. Dokl. AN SSSR 157 no.1:201-202 Jl '64 (MIRA 17:8)

1. Institut fizicheskoy khimii AN UkrSSR. Predstavleno akademikom V.A. Engel'gardtom.

GAYDAY, V.M. [Haidai, V.M.]

Content and composition of nucleic acids in the muscles and testes of Peking and wild ducks. Ukr. biokhim. zhur. 34 no.3:352-358 '62. (MIRA 18:5)

1. Kafedra biokhimii i biofiziki Kiyevskogo gosudarstvennogo universiteta im. T.G.Shevchenko.

GAYDAY, V.M. [Haidai, V.M.]

Phosphorus compounds and glycolysis in testes of ducks and rabbits. Ukr. biokhim. zhur. 35 no.6:902-908 '63. (MIRA 18:7)

1. Kafedra biokhimii i biofiziki Kiyevskogo ordena Lenina gosudarstvennogo universiteta im. T.G.Shevchenko.

GAYDAY, V.P.[Haidai, V.P.], inzh.; GLUSHCHENKO, V.P.[Hlushchenko, V.P.], kand. tekhn.nauk.

Simplified feed mill. Mekh. sil'.hosp. 9 no. 6:24-26 Je '58. (MIRA 11:7)
(Feed mills)

GUDAY, Ya.S.

Schizophreniform syndrome in carriers of the brain tick encephalitis virus. Zhur.nevropsikh. i eksperim. no.3:441-448 '57. (MIRA 10:10)

GAYDAY, Ye.S.

Some variants of schizophrenialike states in a late stage of a craniocerebral wound. Probl.sud.psikh. 11:50-63 '61.
(MIRA 16:3)

(FORENSIC PSYCHIATRY) (BRAIN--WOUNDS AND INJURIES)
(SCHIZOPHRENIA)

GAYDAY, Ye.S.

Correlations of clinical and laboratory studies (as indicated by electroencephalography) on patients with a schizophrenialike syndrome in the late stage of a craniocerebral trauma. Probl. sud.psikh. 11:99-109 '61. (MIRA 16:3)
(BRAIN—WOUNDS AND INJURIES) (ELECTROENCEPHALOGRAPHY)
(SCHIZOPHRENIA)

LEYTMAN, L.D.; GAYDAYENKO, A.G.

Pneumatic-tube transportation of carbon black at the Kazan Factory of Rubber Goods for Engineering Uses. Kauch.i rez. 19 no.10:51-55 O '60. (MIRA 13:10)

1. Kazanskiy zavod rezino-tekhnicheskikh izdeliy.
(Kazan—Carbon black)
(Pneumatic-tube transportation)

GAYDAYENKO, D. (g.Kishinev)

Screen-enlarging lenses for television receivers. Radio no.8: 40-41 Ag '60. (MIRA 13:9)
(Television--Receivers and reception)

[redacted], G.A., aspirant

Investigating the effect of surface roughness on the contact strength of steel. Izv. vys. ucheb. zav.; mashinostr. no.1:58-65 (MIRA 18:5)

GAYDAYENKO, I.

Gaydayenko, I. "On sea routes" (About Soviet sailors. Outline), In the collection Ogni Chernomor'ya, (Odessa), 1949, p. 137-43.

SO: U-3261, 10 April, (Letopis 'zhurnal'nykh Statey, No. 12, 1949)

GAYDAYENKO, IVAN

GAYDAYENKO, Ivan.

[On the sea lanes] Na morskikh dorogakh. [Moskva] Molodaia gvardiia, 1953. 269 p. (MLRA 7:7)
(Voyages and travels)

GAYDAYENKO, J.

AID - P-249

Subject : USSR/Aeronautics

Card : 1/1

Author : Gaydayenko, J., Lt. Col. of the Guard

Title : Taking into Account Side Wind During Landing and Take-off

Periodical : Vest. vozd. flota, 6, 51-53, Je 1954

Abstract : The take-off and landing of high-speed aircraft on runways is discussed. Some figures of wind velocities, drift angles, etc. appear in the text. Diagrams.

Institution : None

Submitted : No date

INDIKT, Yefim Aleksandrovich; GAYDAYENKO, Petr Il'ich; SOBOLEV, Viktor Pavlovich; GRIBANOV, A.L., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Organizing the operation of a large automotive transportation unit]Organizatsiia proizvodstva v krupnom avtokhoziaistve. Moskva, Avtotransizdat, 1962. 111 p. (MIRA 15:9)
(Transportation, Automotive)

TSAREGORODTSEV, M.N.; GAYDAYEV, G.I.

Generator of a train of pulses. Izv.vys.ucheb.zav.; radiotekh. 2 no.4:477-480 Jl-Ag '59. (MIRA 13:2)

1. Rekomendovana kafedroy eksperimental'nykh metodov yadernoy fiziki Moskovskogo inzhenerno-fizicheskogo instituta.
(Pulse techniques (Electronics))
(Oscillators, Electric)

GAYDAYEV, G.L.; MARKOV, A.A.; TSAREGORODTSEV, M.N.

Device for recording out-of-phase (inhibited) coincidences. Sbor. nauch.rab. MIFI no.9:145-154 '55. (MLRA 10:1)
(Pulse techniques (Electronics))

GAYDAYEV, I. A., Lieutenant Colonel

"Leveling of Triangulation by the Approximation Method." Sub 29 Jan 51, Military Engineering Red Banner Academy imeni V. V. Kuybyshev

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

GAYDAYEV, P. A. and GUTER, R. S.

"Finding the Extrema of a Function with a Large Number of Variables," Vest. Voyenno-inzh. Krasnoznamennoy Akad. im. Kuybyshev, No.79, 1955

AUTHOR: Gaydayev, P.A., Candidate of Technical Sciences

TITLE: Triangulation Balance by the Successive Approximations of Groups of Unknown Quantities (Uravnivaniye triangulyatsii posledovatel'nymi priblizheniyami grupp neizvestnykh) 6-10-2/12

PERIODICAL: Geodeziya i Kartografiya, 1957, Nr 10, pp 11-21 (USSR)

ABSTRACT: The suggestions made here are intended to supplement the method described by the author in his manual "Triangulation Balance by Means of the Method of Approximation", published by the Military-Academy of Engineering Press, 1953. The method dealt with in this manual is explained in short. On the basis of the theory elaborated, the manual also describes a new method of balancing a triangulation of 2. class, which is given here in form of a short summary. Further two possibilities for a further improvement of the method of approximation are pointed out. The one consists in the increase of the number of unknown quantities in the groups, and the second in the application of the multi-group method developed by Pranis-Pranevich in combination with the approximation method (I.Yu. Pranis-Pranevich "Manual for the Computation of Triangulation Balancing", 1956, under "Variety II", pp 26-30). By way of a summary the following order is recommended:
1.) The approximation method is to be used only for the two basic groups of unknown quantities: of the coordinates and of the

Card 1/2

6-10-2/12

Triangulation Balance by the Successive Approximations of Groups of Unknown Quantities

angles of orientation. 2.) All computations until the free terms in the error equations are obtained, to be carried out in the order given here, with the exception that the preliminary coordinates can be computed immediately for the entire network. 3.) In order to obtain coordinate corrections in the first approximation series, the method developed by Pranis-Pranivich must be employed. There are 3 figures and 3 tables.

AVAILABLE: Library of Congress

Card 2/2

GAYDAYEV, P. A. and MILEVSKIY, Yu. G.

"Solution of Normal Equations by the Method of Cracowian Matrices," Vest. Voyenno-inzh. Akad. im. Kuybyshev, No.112, 1957

Gaydayev, P.A.

AUTHOR: Gaydayev, P.A., Candidate of Technical Sciences 6-58-4-16/18

TITLE: Concerning the Article by G.A.Burmistrov (Po povodu stat'i G.A.Burmistrova)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 4, pp. 75-76 (USSR)

ABSTRACT: In issue 29 of "Trudy MIIGAiK", 1957 an article on "The Balancing of Triangulation with Measured Sides and Angles (Directions) According to the Method of Indirect Measurement on a Plane" by G.A.Burmistrov was published. The author takes the responsibility for an incorrect and arbitrary treatment of error-equations for measured sides. Burmistrov multiplies these equations by $\frac{\varsigma''}{s}$ and then divides all error-equations by the mean squares of deviation; the second operation is fully justified, whereas the first is obviously erroneous, because as a result of this operation the weights of the angles remained unchanged, whereas the weights of the sides have increased without any cause by the $(\frac{\varsigma''}{s})^2$ -fold, which means that the principle of the smallest squares has been grossly violated. The incorrectness of the

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Concerning the Article by G.A.Burmistrov 6-58-4-16/18

solution given by Burmistrov is proved on the basis of an example. There is 1 figure and 1 reference.

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1. Scientific report—Critic

Card 2/2

GAYDAYEV, Petr Alekseyevich; MAZMISHVILI, A.I., prof., red.; SHURYGINA, A.I., red. izd-va; ROMANOVA, V.V., tekhn. red.

[Adjustment of triangulation] Uravnivanie trianguliatsii. Moskva, Izd-vo geodez.lit-ry, 1960. 259 p. (MIRA 15:1)
(Triangulation)

AUTHOR: Gaydayev, P. A., Docent, Candidate of Technical Sciences

S/154/60/000/01/012/017
B007/B123

TITLE: Problems Involved in Adjusting Lower-order Continuous Triangulation

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1960, Nr 1, pp 111-120 (USSR)

TEXT: The difficulties involved in adjusting lower-order triangulation nets are shown, and the facts to be considered for solving this problem are mentioned in this connection. Proceeding from this point of view, the adjustment by directions is compared to the adjustment by angles. Taking this comparison into consideration, a solution to the problem - the adjustment of a lower-order continuous triangulation net - is given. The sequence of calculations for this adjustment is also explained, and Shreyber's rule and N. A. Urmayev's book (Ref, footnote on p 113) are mentioned. According to the method explained here the angles of orientation are twice as accurate as the directions measured. Therefore, the directions of orientation and thus the preliminarily adjusted angles of direction can be regarded as measured quantities. The preliminary adjustment of the angles of orientation and direction is simple and quick. The method of adjustment explained here is investigated considering the rules governing the errors in measurement. In this connection Professor K. L. Provorov and the method by

Card 1/2

Problems Involved in Adjusting Lower-order Continuous Triangulation

S/ 54/60/000/01/012/017
B0 7/B123

Pranis-Pranevich are mentioned. It is shown that, unlike other well-known methods of adjustment, the method explained here takes into account the rules governing random and systematic errors in measurement. The second phase of adjusting angles of direction, i.e., the final adjustment can be made according to the method of coordinate correction as well as according to that of conditional observations. For extensive and sufficiently rigid nets the second method is more advisable. The problem of calculating the preliminary coordinate for the method of adjustment recommended here is explained in detail. Finally, the results of a verification of the method of adjustment suggested here, which was performed by the graduate student Ya. G. Muralev, are given (Fig 4 and Tables 1, 2, and 3). The high efficiency of the method of adjustment described here was confirmed by verification. B. S. Kuz'min is also mentioned. There are 4 figures, 3 tables, and 2 Soviet references.

Card 2/2

S/154/60/000/02/08/018
B012/B123

AUTHORS: Gaydayev, P. A., Docent, Candidate of Technical Sciences, Muraliev, Ya. G., Engineer (referred to in footnote as "graduate student")

TITLE: An Example to the Article: "Problems of Adjusting Continuous Extension Nets of Triangulations"

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1960, No. 2, pp. 73-88

TEXT: According to the note, the article mentioned in the title was published in No. 1, 1960 of the present periodical. All procedures and calculations are described, which are necessary for the adjustment of the net shown in Fig. 1. Numerical computations may be seen in Tables 1-10. There are 1 figure, 10 tables, and 7 Soviet references.

Card 1/1

GAYDAYEV, Petr Alekseyevich; FOMIN, Mikhail Pavlovich; GUTER, R.S.; YEROFEYEV, I.P.; MILEVSKIY, Yu.G.; MURALEV, Ya.G; FOMIN, M.P.; SHURYGINA, A.I., red. izd-va; ROMANOVA, V.V., tekhn. red.

[Adjustment of second-order triangulation by approximations] Uravnivanie trianguliatsii 2 klassa priblizheniiami. Moskva, Izd-vo geodez. lit-ry, 1960. 36 p. (MIRA 14:6)
(Triangulation)

GAYDAYEV, P.A., dotsent, kand.tekhn.nauk

Measurement of horizontal angles in second-order triangulation.
Izv.vys.ucheb.zav.; geod.i aerof. no.6:23-25 '61. (MIRA 15:3)
(Triangulation)

RABINOVICH, Boris Natanovich, prof., doktor tekhn. nauk [deceased]; GAYDAYEV, P.A., red.; VASIL'YEVA, V.I., red. izd-va; SUNGUROV, V.S., tekhn. red.

[Practical work in advanced geodesy; calculating operations] Praktikum po vysshei geodezii; vychislitel'nye raboty. Izd.2., perer. i dop. Moskva, Izd-vo Geodez. lit-ry, 1961. 338 p. (MIRA 15:1)

(Geodesy)

GAYDAYEV, P.A.; FERTYAKOV, G.V.

Using approximations in adjusting 2d class triangulation nets. (MIRA 16:2)
Geod.i kart. no.1:7-15 Ja '63.
(Triangulation)

TAMUTIS, Zigmantas Pranasovich; VYSOTSKIY, A.N., dots., kand. tekhn.nauk, retsenzent; KOZLOV, V.P., dots., kand. tekhn. nauk; GAYDAYEV, P.A., doktor tekhn. nauk, red.; KHROMCHENKO, F.I., red.izd-va; ROMANOVA, V.V., tekhn.red.

[Adjustment of leveling and traversing] Uravnoveshivanie nivelirovaniia i poligonometrii; prakticheskoe rukovodstvo. Moskva, Gosgeoltekhizdat, 1963. 142 p. (MIRA 16:8)
(Leveling) (Traverses (Surveying))

GAYDAYEV, P.A.

Adjusting 3d and 4th order triangulation by approximations.
Geod. i kart. no.5:23-24 My '64. (MIRA 17:8)

GAYDAYEV, Petr Alekseyevich; KUZ'MIN, B.S., nauchn. red.

[Adjustment of class 3 and 4 geodetic nets; a practical handbook] Uravnivanie geodezicheskoi seti 3 i 4 klassov; prakticheskoe posobie. Moskva, Nedra, 1965. 159 p.
(MIRA 18:10)

BOL'SHAKOV, Vasiliy Dmitriyevich; SKIDANENKO, K.K., kand. tekhn. nauk, retsenzent; BURMISTROV, G.A., kand. tekhn. nauk; GAYDAYEV, P.A., doktor tekhn. nauk, red.

[Theory of errors of observation and the fundamentals of the theory of probability] Teoriia oshibok nabliudenii s osnovami teorii veroiatnostei. Moskva, Nedra, 1965. 183 p. (MIRA 18:10)

L 26023-66 EWT(1) GW

ACC NR: AP6012325 (A) SOURCE CODE: UR/0006/65/000/011/0008/0014

AUTHOR: Gaydayev, P. A.; Mashimov, M. M.

36
B

ORG: none

TITLE: Computer adjustment of base triangulation

SOURCE: Geodeziya i kartografiya, no. 11, 1965, 8-14

TOPIC TAGS: computer application, triangulation, geodesy, successive approximation

ABSTRACT: An interation algorithm is proposed for adjustment of base triangulation networks on a digital computer with successive insertion of points. The essence of the method consists of joint adjustment of all three unknowns for any point in the network by using a single algorithm for successive approximations. After insertion of a point in the j-th iteration in the computer memory, the only data stored in addition to the primary information are the coordinates of the network points being determined. All other data are erased from the memory. When the point is inserted, the surrounding points are assumed to be firm and all balancing calculations including determination of all coefficients in the adjustments and normal equations are redone in each approximation. The approximations are continued until the deflection components ξ and η are lower in absolute value than ε=0.05 dm. The method is simple and reliable and requires little intermediate information. The results may be checked dur-

Card 1/2 UDC: 528.33.063.9 : 681.142

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ACC NR: AP6012325

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ing calculation and there is an extremely small accumulation of errors in rounding off. The method may be modified to handle adjustments in networks containing up to 500 points. Orig. art. has: 1 figure, 1 table, 6 formulas.

SUB CODE: 0809/ SUBM DATE: 00/ ORIG REF: 005/ OTH REF: 000

Card 2/2 RB

GAYDBEKOV, G.D.

Development of the Selli fractured oil field. Neftepromdelo no.4:6-9 '63. (MIRA 17:8)

1. Izberbashskoye neftepromyslovoye upravleniye.

LEONOV, V.A., inzh. ; GAYDEL', V.Yu., inzh.

Planning and constructing the first slip on frozen ground subject to swelling. Rech. transp. 17 no.12:39-40 D '58. (MIRA 12:1)
(Docks) (Frozen ground)

L 18583-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AT3002111 S/2910/61/001/01-/0153/0162

AUTHORS: Misyunas, A. A., Gaydelis, V. I. 56 55

TITLE: Effect of temperature on the impact broadening of the 2537-angstrom mercury resonance line under hydrogen pressure

SOURCE: AN Lit SSR. Litovskiy fizicheskiy sbornik. v.1, no.1-2, 1961, 153-162

TOPIC TAGS: spectral line, resonance line, pressure broadening, hydrogen pressure broadening, Hg, temperature effect, resonance line width, mercury

ABSTRACT: This paper describes an experimental investigation of the effect of an increase in temperature and an increase in the number of collisions on the broadening, the shift of the maximum, and the asymmetry of the 2537-angstrom resonance line of mercury (Hg) broadened by hydrogen (H). The resonance radiation of the Hg vapors consisting of a bright 2537-angstrom line, was passed through a 88.5-cm-long sealed quartz absorption tube filled with $2.4 \cdot 10^{15}$ atoms/cc of Hg vapor and H at a pressure of 0.5 atm. The concentration of the absorbing vapors and of the broadening gas in the absorption tube was held constant. The width of the line was determined from the decrease of the total light intensity. It was found that the half-width of the 2537-angstrom Hg resonance line broadened by

Card 1/2

L 18583-63

ACCESSION NR: AT3002111

H increases by 14 ± 4% and its red asymmetry decreases by 5 ± 4% with an increase in temperature from 453K to 1253K. It is established that any increase in temperature of the absorption tube from T_1 to T_2 results in the same broadening of the line investigated as an increase of the broadening-gas pressure by the square root of the ratio T_2/T_1. The maximum intensity of the line investigated was found not to be affected appreciably by changes in temperature. The results obtained show that the function of H as a broadening gas, so far as the effect of the temperature on the broadening of the spectral line is concerned, does not differ from that of other gases, and, therefore, the experimental results here do not support the results previously reported by W. Orthmann, Ann. d. Phys., v. 78, 1938, 601, and Chr. Fuchtbauer, et al., Ann. d. Phys., v. 71, 1923, 204. Orig. art. has 7 numbered formulas, 3 figures, and 1 table.

ASSOCIATION: Vil'nyusskiy gosudarstvenny*y universitet imeni V. Kapsukasa (Vilnyus State University)

SUBMITTED: 20Apr61 DATE ACQ: 23Apr63 ENCL: 00

SUB CODE: PH NO REF SOV: 002 OTHER: 013

Card 2/2

GAYDENE, E.K. [Gaidiene, E.]; NARCHUK, E.F.

Biology of the frit fly Hapleginella laevifrons Lw. (Diptera, Chloropidae) an inhabitant of pine cones. Ent. oboz. 42 no.4: 765-769 '63. (MIRA 17:8)

1. Institut biologii AN Litovskoy SSR, Kaunas i Zoologicheskiy institut AN SSSR, Leningrad.

L 21187-66 EWT(m)/EWP(t)/ IJP(c) JD/JW

ACC NR: AP6009823 SOURCE CODE: UR/0413/66/000/004/0016/0016

INVENTOR: Klimov, A. G.; Zotov, B. G.; Gaydenko, A. A.; Argunova, V. I.

ORG: none

TITLE: Preparation of hydrofluoric acid. Class 12, No. 178796

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 16

TOPIC TAGS: chemical decomposition, fluorite, hydrofluoric acid, acid decomposition

ABSTRACT: This Author Certificate introduces a method of preparation of hydrofluoric acid by decomposition of fluorite. An increased recovery is achieved by decomposing fluorite concentrate with orthophosphoric acid at 250C. [JK]

SUB CODE: 07/ SUBM DATE: 24Mar65/ ATD PRESS: 4222

Card 1/1 BK UDC: 546.161.07

MAKSIMOVICH, Ya.B.; GAYDENKO, A.I.

Changes in the metabolism and interorgan distribution of vitamins PP and C under the influence of cobalt. Vop. pit. 22 no.5:50-55 S-O '63. (MIRA 17:1)

1. Iz kafedry farmakologii (zav. - prof. Ya.B. Maksimovich) Odesskogo meditsinskogo instituta imeni N.I. Pirogova.

GAYDENKO, P.; POVARENNYKH, L.S.; TRUSKOLYAVSKAYA, T.

From technical periodicals. Standartizatsiia 24 no.12:46-49 D '60.
(MIRA 13:11)
(Bibliography--Standardization)

VAKULOV, Nikolay Fedorovich; GAYDENKO, V.M., retsenzent; KOSUL'NIKOV, N.K., retsenzent; MAKRUSHINA, A.N., red.izd-va; RIDNAYA, I.V., tekhn. red.

[Diesel and electric crane operator's manual]Posobie kranovshchiku dizel'nogo i elektricheskogo krana. Moskva, Izd-vo "Rechnoi transport," 1961. 202 p. (MIRA 15:12)
(Cranes, derricks, etc.)

AYZENVARG, Yefim Vladimirovich; GAYDENKOV, Vladimir Matveyevich; SMOL'SKIY, A.S., red.; LOBANOV, Ye.M., red.izd-va; RIDNAYA, I.V., tekhn. red.

[Manual for the driver of loader trucks and electric trucks] Posobie voditeliu avtopogruzchikov i elektrotelezhek. Moskva, Izd-vo "Rechnoi transport," 1963. 151 p. (MIRA 16:6)
(Industrial power trucks)
(Loading and unloading)

GAYDENKOV M.M.

1. [illegible], N. V., [illegible], M. M., [illegible], V. M.

2. USSR (600)

4. Editing

7. Against editorial arbitrariness in editions of the classics. Sov. kniga No. 3, 1953.

9. **Monthly List of Russian Accessions**, Library of Congress, June 1953. Unclassified.

VAKULOV, Nikolay Fedorovich; KOMOGORTSEV, P.Ya., red.; GAYDENKOV, V.M., retsenzent; VINOGRADOVA, N.M., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Heat-power equipment of hoisting and conveying machinery] Teplosilovoe oborudovanie pod"emno-transportnykh mashin. Moskva, Izd-vo "Rechnoi transport," 1959. 226 p. (MIRA 13:3)
(Hoisting machinery) (Conveying machinery)
(Heat engines)

SAZONTOV, V.I.; GAYDEROV, V.Ye.

Using sand beddings in making larger castings. Lit. proizv. no. 10:37-38 O '63. (MIRA 16:12)

GAYDEROV, V.Ye.

Drying and heating foundry ladles. Mekh.proizv. no.7:41 Jl '54.
(MLRA 7:8)

GAYDEY, I.D., assistent

Morphology of neural endings in the epithelium of the prostate gland in man. Sbor.nauch.trud.Vin.der.med.inst. 18 no.1:98-105 '58. (MIRA 16:2)

1. Kafedra gistologii i embrop;pgii (zav. kafedroy doktor med. nauk, prof. I.V. Almazov) Vinnitskogo gosudarstvennogo meditsinskogo instituta.
(PROSTATE GLAND—INNERVATION)

ZHIGAYLO, Ya.V.; SHPAK, L.I.; GAYDEY, T.P.; DUCHINSKAYA, V.I.; RAKSHA, V.V.;
Prinimali uchastiye: KURGANOV, A.,; LANTSOVA, M.A.

Chemical transformations and phase transitions of a zinc-chromium catalyst of methanol synthesis. Khim.prom. no.1: 29-34 Ja '63. (MIRA 16:3)

1. Institut fizicheskoy khimii imeni L.V.Pisarzhevskogo AN UkrSSR.
(Catalysts) (Methanol)

~~GAYDEY, V.G.~~

GAYDEY, V.G.

Experimental application of a water purifier. V. G. Gaidel (Ale. Plant, Nemirovsk). *Spirtovye Prom.* 22 No. 4, 30(1956).—The new automatic water [illegible] STRUYA treats the H_2O with hardnesses from 5 till 10 automatically by aid of addns. of Na_2CO_3 and $Ca(OH)_2$ and waste steam, so that the final H_2O shows a hardness of 0.0°.

Werner Jacobson

GAYDIN, A.M., student

Some physical parameters of water-bearing beds. Izv. vys. ucheb. zav.; geol. i razv. 6 no.5:112-121 My '65.
(MIRA 18:10)

1. Moskovskiy geologorazvedochnyy institut imeni Ordzhonikidze.